

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2    | 257/656.ccls. not suppress\$3 and @pd>"20050502"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:04 |
| L2    | 2    | 257/656.ccls. not suppress\$3 and @pd>"20050502"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/15 10:04 |
| L3    | 0    | 257/656.ccls. and suppress\$3 and @pd>"20050502"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:05 |
| L4    | 12   | ((nip n-i-p p-i-n) adj diode) with intrinsic and @pd>"20050502"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:06 |
| L5    | 16   | ((nip n-i-p p-i-n) adj diode) with intrinsic and @pd>"20050502"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/15 10:06 |
| L6    | 26   | ((nip n-i-p p-i-n) adj diode) and intrinsic and @pd>"20050502"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:13 |
| L7    | 6    | ((nip n-i-p p-i-n) adj diode) and transient and @pd>"20050502"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:17 |
| L8    | 4    | ((nip n-i-p p-i-n) adj diode) and TvS and @pd>"20050502"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:20 |
| L9    | 6    | ((transient adj voltage adj suppress\$3) with diode) and (intrinsic pin) and @pd>"20050502" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/15 10:27 |
| L10   | 5    | ((PIN NIP N-I-P P-I-N) with diode) same transient).clm.                                     | US-PGPUB  | OR               | OFF     | 2005/09/15 10:29 |
| L11   | 0    | ((intrinsic) with diode) same transient).clm.   | US-PGPUB  | OR               | OFF     | 2005/09/15 10:29 |

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| S1  | 44   | (transient adj voltage adj suppression) with diode                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 13:41 |
| S2  | 160  | (transient adj voltage adj suppress\$3) with diode                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 11:20 |
| S3  | 1    | ((transient adj voltage adj suppress\$3) with diode) and (intrinsic nip)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 11:22 |
| S4  | 48   | ((transient adj voltage adj suppress\$3) with diode) and (intrinsic pin)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:21 |
| S5  | 12   | ((transient adj voltage adj suppress\$3) with diode) and (intrinsic)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 11:31 |
| S6  | 12   | ((transient adj voltage adj suppress\$3) with diode) and (intrinsic p-i-n n-i-p) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 11:43 |
| S7  | 8919 | (pin nip n-i-p p-i-n) adj diode  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 11:44 |
| S8  | 1016 | (nip n-i-p p-i-n) adj diode  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 11:45 |
| S9  | 0    | ((nip n-i-p p-i-n) adj diode) and TvS  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:20 |
| S10 | 45   | ((nip n-i-p p-i-n) adj diode) and transient                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:17 |

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| S11 | 401 | ((nip n-i-p p-i-n) adj diode) and intrinsic  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:13 |
| S12 | 214 | ((nip n-i-p p-i-n) adj diode) same intrinsic | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:13 |
| S13 | 147 | ((nip n-i-p p-i-n) adj diode) with intrinsic | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:05 |
| S14 | 2   | ("5844292").PN.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/21 12:25 |
| S15 | 414 | 257/656.ccls.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:12 |
| S16 | 39  | 257/656.ccls. and suppress\$3                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:05 |
| S17 | 375 | 257/656.ccls. not suppress\$3                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:04 |
| S18 | 283 | 257/106,601.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:11 |
| S19 | 1   | 257/656.ccls. and @pd>"20050502"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:18 |
| S20 | 4   | 257/106,601.ccls. and @pd>"20050502"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:18 |

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| S21 | 0    | "361".ccls. and @pd>"20050502"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:18 |
| S22 | 18   | 361/111.ccls. and @pd>"20050502"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:19 |
| S23 | 0    | 363/020.ccls. and @pd>"20050502"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:20 |
| S24 | 0    | 363/020.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:20 |
| S25 | 384  | 363/20.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:20 |
| S26 | 5    | 363/20.ccls. and @pd>"20050502"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 08:21 |
| S27 | 384  | 363/20.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:09 |
| S28 | 1571 | 361/111.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:08 |
| S29 | 2    | (TvS same diode same (PIN NIP<br>P-I-N N-I-P) same series).clm.                       | US-PGPUB  | OR | ON  | 2005/09/14 18:00 |
| S30 | 6    | transient adj protection with zener   | US-PGPUB  | OR | ON  | 2005/09/14 17:59 |
| S31 | 2    | transient adj protection with zener<br>and @pd>"20050505"                             | US-PGPUB  | OR | ON  | 2005/09/14 17:59 |
| S32 | 2    | (TvS same diode same (PIN NIP<br>P-I-N N-I-P) same series).clm. and<br>@pd>"20050505" | US-PGPUB  | OR | ON  | 2005/09/14 18:00 |

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| S33 | 26 | 361/111.ccls. and @pd>"20050505"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:08 |
| S34 | 7  | 363/20.ccls. and @pd>"20050505"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:09 |
| S35 | 7  | 257/106,601.ccls. and<br>@pd>"20050505"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:11 |
| S36 | 2  | 257/656.ccls. and @pd>"20050505"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:12 |
| S37 | 11 | ((nip n-i-p p-i-n) adj diode) with<br>intrinsic and @pd>"20050505" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:12 |
| S38 | 17 | ((nip n-i-p p-i-n) adj diode) same<br>intrinsic and @pd>"20050505" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/14 18:13 |